

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An arrangement of comprising:
at least first and second appliances such as instruments or actuators which
are associated with of a technical process, each appliance being one of a process
measurement device and a process actuator, wherein the first appliance
communicates with the second appliance to pass diagnostic information relating to
operation of the second appliance to the second appliance; and ~~a unidirectional or~~
~~bidirectional data interchange with a central point, such as a control console or~~
~~display device, wherein,~~
 - a) —a transmitter/receiver connected to the second appliance, is arranged,
~~which is designed for data interchange with the a central point of the technical~~
~~process, and for calling b) the transmitter/receiver is also designed to call up data~~
~~from the other appliances or to pass data to them, with the other appliances not~~
~~having any transmitting or receiving device for direct communication with the central~~
~~point~~ second appliance to transmit to the central point.
2. (Currently Amended) The arrangement as claimed in claim 1, wherein
the transmitter/receiver is associated with one of only the second appliances
appliance.

3. (Currently Amended) The arrangement as claimed in claim 1, wherein each of the appliances ~~are designed to~~ interchange data with one another ~~by means of~~ via the transmitter/receiver, and to carry out data preprocessing and/or diagnosis functions.

4. (Currently Amended) The arrangement as claimed in claim 1, wherein the appliances ~~are designed to~~ pass on their data as at least one of an analog signal and ~~or as~~ a digital signal.

5. (Currently Amended) The arrangement as claimed in claim 1, wherein the transmitter/receiver ~~is designed to carry out~~ performs analog/digital signal conversion, and/or data preprocessing.

6. (Currently Amended) The arrangement as claimed in claim 2, wherein each of the appliances ~~are designed to~~ interchange data with one another ~~by means of~~ via the transmitter/receiver, and to carry out data preprocessing and/or diagnosis functions.

7. (Currently Amended) The arrangement as claimed in claim 6, wherein the appliances ~~are designed to~~ pass on their data as at least one of an analog signal ~~or as~~ and a digital signal.

8. (Currently Amended) The arrangement as claimed in claim 7, wherein the transmitter/receiver ~~is designed to carry out~~ performs analog/digital signal conversion, and/or data preprocessing.

9. (Currently Amended) System comprising:
an arrangement of appliances of a technical process, each of which functions as at least one of a measuring device and an actuator, wherein a first of the appliances communicates with a second of the appliances to pass diagnostic information relating to operation of the second appliance to the second appliance ;
a central communication device for data interchange; and
a common transmitter/receiver connected to each of the appliances, and arranged for data interchange with the central communication device, ~~and configured for bidirectional communication with the appliances, wherein the system is not configured for the appliances to transmit or receive direct communications with the central communication device~~